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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/664,271	09/17/2003	Kaiping Liu	TI 35564	3422
23494 TFX A S INSTE	7590 06/15/200 RUMENTS INCORPO		EXAMINER	
P O BOX 6554	74, M/S 3999	WOJCIECHOWICZ, EDWARD JOSEPH		
DALLAS, TX 75265			ART UNIT	PAPER NUMBER
		·	2815	
			NOTIFICATION DATE	DELIVERY MODE
		• •	06/15/2007	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

uspto@ti.com uspto@dlemail.itg.ti.com

		Application No.	Applicant(s)				
Office Action Summary		10/664,271	LIU, KAIPING				
		Examiner	Art Unit				
		Edward Wojciechowicz	2815				
Period fo	The MAILING DATE of this communication apports Reply	pears on the cover sheet with the	e correspondence addre	ss			
A SH WHIC - Exte after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPLICHEVER IS LONGER, FROM THE MAILING Donsions of time may be available under the provisions of 37 CFR 1.1 SIX (6) MONTHS from the mailing date of this communication. O period for reply is specified above, the maximum statutory period for reply within the set or extended period for reply will, by statute reply received by the Office later than three months after the mailing ed patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATI 36(a). In no event, however, may a reply be will apply and will expire SIX (6) MONTHS fre, cause the application to become ABANDO	ON. e timely filed om the mailing date of this comm NED (35 U.S.C. § 133).				
Status							
1)⊠	Responsive to communication(s) filed on 16 M	larch 2007					
		s action is non-final.					
	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is						
	closed in accordance with the practice under E						
Disposit	ion of Claims						
4)⊠	Claim(s) <u>10-13,15-22 and 29</u> is/are pending in	the application					
	4a) Of the above claim(s) is/are withdrawn from consideration.						
-	Claim(s) is/are allowed.						
	6)⊠ Claim(s) <u>10-13,15-22 and 29</u> is/are rejected.						
	7) Claim(s) is/are objected to.						
8)	Claim(s) are subject to restriction and/o	r election requirement.					
Applicati	ion Papers						
	The specification is objected to by the Examine	ar.					
	· · · · · · · · · · · · · · · · · · ·		e Evaminer				
.0/	10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
	Replacement drawing sheet(s) including the correct	• • • • • • • • • • • • • • • • • • • •	, ,	121(d)			
11)	The oath or declaration is objected to by the Ex			` '			
Priority ι	under 35 U.S.C. § 119						
	Acknowledgment is made of a claim for foreign All b) Some * c) None of: Certified copies of the priority document	s have been received.					
 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 							
Attachmen							
_	n(s) te of References Cited (PTO-892)	4) Interview Summa	ary (PTO-413)				
2) 🔲 Notic 3) 🔲 Infon	ce of Neierlenees Cited (FTO-652) ce of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO/SB/08) er No(s)/Mail Date	Paper No(s)/Mail					
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DETAILED ACTION

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 10-13, 15-22 and 29 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In claim 10, the exact structure of the invention, with respect to the noncontinuous nature of the precipitate region, is unclear. This term, absent a quantitative reference point, is somewhat subjective and consequently, the precise "degree" of continuity, or the lack thereof, of the precipitate region can not be clearly determined so as to fully define the invention.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 10-13, 15-22 and 29 are further rejected, insofar as understood, under 35 U.S.C. 103(a) as being unpatentable over Anc in view of Mizushima, both of record. As stated in the previous rejections, hereby incorporated by reference, the references appear to teach the claimed precipitate region having a noncontinuous configuration in an area formed beneath the gate electrode, as described in Anc.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edward Wojciechowicz whose telephone number is 571-272-1739. The examiner can normally be reached on Monday through Thursday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ken Parker can be reached on (571) 272-2298. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Edward Wojciechowicz Primary Examiner Art Unit 2815

EW: ew